

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (Currently Amended) A method for providing an address of a remote computer to a management computer, the method comprising:

~~configuring~~receiving in an internet protocol (IP) address issuing computer Option data ~~from~~about a management computer, the Option data comprising:

an identification of and authorization for a remote computer to request an IP address from the IP address_-issuing computer, and

~~a management computer~~an IP address of the management computer;

sending a request, from the remote computer to the address_-issuing computer, for an IP address;

receiving, at the remote computer, the requested IP address from the IP address issuing computer and the IP address of the management computer of the Option data; and

executing a local code in the remote computer, such that the local code in the remote computer ~~is~~being responsive to the IP address of the management computer of the Option data, ~~wherein the local code~~ and utilizes the received IP address of the management computer to ~~direct~~directs the remote computer to automatically provide the received requested IP address of the remote computer to the management computer.

2. (Original) The method of claim 1, wherein the management computer is a management server, and the remote computer is a remote management processor under the control of the management server.

3. (Currently Amended) The method of claim 2, wherein the address_-issuing computer is a Dynamic Host Configuration Protocol (DHCP) server.

4. (Cancelled)

5. (Currently Amended) ~~The~~A method of claim 2, wherein the sending of the request, from

the remote computer to the address issuing computer, for an address for the remote computer is automatically prompted by the remote computer ~~receiving its IP address~~being powered on.

6. (Original) The method of claim 1, wherein the local code directs the remote computer to automatically provide the address of the remote computer to the management computer in an ALERT packet.

7. (Currently Amended) A system for providing an address of a remote computer to a management computer, the system comprising:

a management computer;

a remote computer connected to the management computer through a network;

an internet protocol (IP) address issuing computer connected to the management computer and the remote computer through the network, wherein

~~means for sending~~the management computer is configured to send Option data from ~~the~~ a management computer to ~~an~~ the IP address issuing computer, the Option data comprising:

an identification of and authorization for ~~the~~ a remote computer to request an IP address from the IP address-issuing computer, and

~~a management computer~~an IP address of the management computer, and;

~~means for sending~~the remote computer sends a request, from the remote computer to the IP address-issuing computer, for an IP address;

~~means for receiving, at the remote computer,~~receives the requested IP address from the IP address issuing computer and IP address of the management computer of the Option data;
and

~~means for executing a local code in the remote computer, the local code in the remote computer being responsive to the instructions~~ IP address of the management computer of the Option data utilizes the received IP address of the management computer to direct the remote computer to provide the received requested IP address of the remote computer to the management computer, wherein the local code directs the remote computer to automatically provide the address of the remote computer to the management computer.

8. (Original) The system of claim 7, wherein the management computer is a management server, and the remote computer is a management server sub-system under the

control of the management server.

9. (Currently Amended) The system of claim 8, wherein the address_issuing computer is a Dynamic Host Configuration Protocol (DHCP) server.

10. (Cancelled)

11. (Currently Amended) ~~The~~A system of claim 8, wherein the sending of the request, from the remote computer to the IP address issuing computer, for an IP address for the remote computer is prompted by the remote computer being powered on.

12. (Currently Amended) A computer program product, residing on a computer ~~usable~~storage medium, for providing an internet protocol (IP) address of a remote computer to a management computer, the computer program product including program code that when executed by a computer includes functionality comprising:

~~program code for sending~~ Option data from a management computer to an IP address issuing computer, the Option data comprising:

an identification of and authorization for a remote computer to request an IP address from the address_issuing computer, and

~~a management computer~~ an IP address of the management computer, and;

~~program code for sending~~ a request, from the remote computer to the address_issuing computer, for an IP address;

~~program code for receiving~~, at the remote computer, the requested IP address from the IP address issuing computer and the IP address of the management computer of the Option data; and

~~program code for executing~~ a local code in the remote computer, such that the local code in the remote computer is being responsive to the IP address of the management computer of the Option data and utilizes the received IP address of the management computer to direct the remote computer instructions to provide the received requested IP address of the remote computer to the management computer, ~~wherein the local code directs the remote computer to automatically provide the address of the remote computer to the management computer.~~

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13. (Original) The computer program product of claim 12, wherein the management computer is a management server, and the remote computer is a management processor under the control of the management server.

14. (Currently Amended) The computer program product of claim 13, wherein the address-issuing computer is a Dynamic Host Configuration Protocol (DHCP) server.

15. (Cancelled)

16. (Currently Amended) ~~The~~^A computer program product of claim 13, wherein the sending of the request, from the remote computer to the address issuing computer, for an address for the remote computer is prompted by the remote computer being powered on.

17-21. (Cancelled)